

RAINFALL IN JAMAICA.

Through the kindness of Mr. H. H. Cousins, chemist to the government of Jamaica and now in charge of the meteorological service of that island, we have received the following table.

Comparative table of rainfall.
[Based upon the average stations only.]
JANUARY, 1906.

Divisions.	Relative area.	Number of stations.	Rainfall.	
			1906.	Average.
	<i>Per cent.</i>		<i>Inches.</i>	<i>Inches.</i>
Northeastern division	25	18	4.13	6.39
Northern division	22	44	3.38	3.97
West-central division	26	24	3.31	2.92
Southern division	27	36	2.67	1.94
Means	100		3.37	3.81

The rainfall for January was therefore below the average for the whole island. The greatest fall, 8.89 inches, occurred at Buff Bay, in the northeastern division, while the least, 0.12 inch, was recorded at Ballast Ground, in the southern division.

COSTA RICAN CLIMATOLOGICAL DATA.

Under date of San José, March 3, the Director of the National Observatory, Mr. Anastasio Alfaro, writes:

After the departure of the former director, Mr. Pittier, it was found necessary to leave the meteorological service for a time to assistants who lacked the necessary scientific training. This I hope will not occur again. Henceforward you will regularly receive accurate monthly reports from this institution. The following data are prepared by Señor Pedro Nolasco Gutiérrez, assistant at the National Observatory at San José. (Altitude 3835 feet; latitude 9° 56' 1" N.; longitude 84° 4' 10" W.)

JANUARY, 1906.

Temperature:	°F.
Mean	67.3
Average of daily maxima	78.4
Average of daily minima	59.9
Highest temperature of the month	86.0
Lowest temperature of the month	53.2
Pressure: ¹	Inches.
Mean	26.22
Maximum	26.31
Minimum	26.12
Relative humidity:	Per cent.
Mean	73.7
Maximum	97.0
Minimum	42.0
Evaporation:	Inches.
Total for January	62.5
Maximum, daily	2.7
Minimum, daily	1.2
Rainfall (total for the month)	0.03 inches.
Sunshine	203.23 hours.
Mean velocity of wind per hour	4.0 miles.
Prevailing direction of wind	Northeast.
Earthquakes:	
Number	37
Mean intensity ²	II
Maximum intensity ²	III

Notes on earthquakes.—During the month previous (December, 1905,) an extraordinary increase of seismic activity began not only in Costa Rica, but also in the countries north and south of ours. In Costa Rica the greatest earthquake of the season occurred on December 27 at 6:59 p. m. In the city of Cartago many walls were cracked. The intensity of that particular earthquake decreased rapidly around the above-named city. Its direction in San José was east-northeast.

¹ As to the reduction to standard gravity nothing is said.

² Probably on the Rossi-Forel scale.